

Attorney Docket N. BCI-024CP
U.S.S.N. 09/885,297
Applicants: Ingram *et al.*
Page 2

Examiner: Rao, Manjunath N.
Group Art Unit: 1652

Amendments to the Specification

Please replace the paragraph beginning at page 6, line 1, with the following rewritten paragraph:

B¹ In another related embodiment of the above aspects, the host cell is ethanologenic, *e.g.*, *E. coli* KO4 (ATCC 55123), *E. coli* KO11 (ATCC 55124), *E. coli* KO12 (ATCC 55125) and *E. coli* LY01 (ATCC [] 11303), *K. oxytoca* M5A1, and *K. oxytoca* P2 (ATCC 55307).

Please replace the paragraph beginning at page 7, line 32, with the following rewritten paragraph:

B² In even another embodiment, the host cell is selected from the family Enterobacteriaceae, preferably *Escherichia* or *Klebsiella*, more preferably *E. coli* KO4 (ATCC 55123), *E. coli* KO11 (ATCC 55124), *E. coli* KO12 (ATCC 55125), LY01 (ATCC [] 11303), *K. oxytoca* M5A1, or *K. oxytoca* P2 (ATCC 55307).

Please replace the last three paragraphs on page 9, and the first paragraph on page 10, with the following rewritten paragraphs:

In a fourteenth aspect, the invention provides a recombinant host strain of *Klebsiella oxytoca* strain P2 (pCPP2006) represented by a deposit with the American Type Culture Collection designated as deposit number ATCC [] PTA-3468.

B³ In a fifteenth aspect, the invention provides a recombinant host strain of *Klebsiella oxytoca* strain SZ6 (pCPP2006) represented by a deposit with the American Type Culture Collection designated as deposit number ATCC [] PTA-3464.

In a sixteenth aspect, the invention provides a recombinant host strain of *Klebsiella oxytoca* strain SZ21 (pCPP2006) represented by a deposit with the American Type Culture Collection designated as deposit number ATCC [] PTA-3465.

In a seventeenth aspect, the invention provides a recombinant host strain of *Klebsiella oxytoca* strain SZ22 (pCPP2006) represented by a deposit with the American Type Culture Collection designated as deposit number ATCC [] PTA-3467.

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Please replace the paragraph beginning at page 22, line 32, with the following rewritten paragraph:

B⁴

In another embodiment, the recombinant host is a Gram-negative bacterium. In yet another embodiment, the recombinant host is from the family Enterobacteriaceae. The ethanologenic hosts of U.S.P.N. 5,821,093, hereby incorporated by reference, for example, are suitable hosts and include, in particular, *E. coli* strains KO4 (ATCC 55123), KO11 (ATCC 55124), and KO12 (ATCC 55125), and *Klebsiella oxytoca* strain P2 (ATCC 55307). Alternatively, a non-ethanologenic host of the present invention may be converted into an ethanologenic host (such as the above-mentioned strains) by introducing, for example, ethanologenic genes from an efficient ethanol producer like *Zymomonas mobilis*. This type of genetic engineering, using standard techniques, results in a recombinant host capable of efficiently fermenting sugar into ethanol. In addition, the LY01 ethanol tolerant strain (ATCC 11303) may be employed as described in published PCT international application WO 98/45425 and this published application is hereby incorporated by reference (see also, *e.g.*, Yomano *et al.* (1998) *J. of Ind. Micro. & Bio.* 20:132-138).
